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-	94	algorithm adj "42"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 17:15
-	2	elicit and (algorithm adj "42")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/08 11:37

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-	0	(algorithm adj "42").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 17:15
-	174	elicit.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 17:30
-	3	elicit.ti. and algorithm\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 17:31
-	9788	elicit and algorithm\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/09 17:34
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Cooperative Information Systems, 1996. Proceedings., First IFCIS International Conference on , 19-21 June 1996

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Bohr, M.; Ahmed, S.S.; Ahmed, S.U.; Bost, M.; Ghani, T.; Greason, J.; Hains R.; Jan, C.; Packan, P.; Sivakumar, S.; Thompson, S.; Tsai, J.; Yang, S.;  
Electron Devices Meeting, 1996., International , 8-11 Dec. 1996  
Pages:847 - 850

[\[Abstract\]](#)   [\[PDF Full-Text \(348KB\)\]](#)   IEEE CNF**2 A novel method for ATC computations in a large-scale power system**

Khairuddin, A.B.; Ahmed, S.S.; Mustafa, M.W.; Zin, A.A.M.; Ahmad, H.;  
Power Systems, IEEE Transactions on ,Volume: 19 , Issue: 2 , May 2004  
Pages:1150 - 1158

[\[Abstract\]](#)   [\[PDF Full-Text \(320KB\)\]](#)   IEEE JNL**3 Data Structure for Association Rule Mining: T-Trees and P-Trees**

Leng, P.; Coenen, F.; Ahmed, S.;  
Knowledge and Data Engineering, IEEE Transactions on ,Volume: 16 , Issue: 6 , June 2004  
Pages:774 - 778

[\[Abstract\]](#)   [\[PDF Full-Text \(984KB\)\]](#)   IEEE JNL**4 Discharge dynamics of the magnetically confined ion gas laser**

Ahmed, S.; Faith, T., Jr.;  
Quantum Electronics, IEEE Journal of ,Volume: 2 , Issue: 4 , Apr 1966  
Pages:101 - 101

[\[Abstract\]](#)   [\[PDF Full-Text \(288KB\)\]](#)   IEEE JNL**5 RF inductively excited ion laser with aperture- magnetic confinement**

Ahmed, S.;  
Quantum Electronics, IEEE Journal of ,Volume: 4 , Issue: 5 , May 1968  
Pages:358 - 359

[\[Abstract\]](#) [\[PDF Full-Text \(400KB\)\]](#) IEEE JNL

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**6 Saturation and discharge studies in the He-Cd laser**

*Giallorenzi, T.; Ahmed, S.;*

Quantum Electronics, IEEE Journal of , Volume: 7 , Issue: 1 , Jan 1971

Pages:11 - 17

[\[Abstract\]](#) [\[PDF Full-Text \(832KB\)\]](#) IEEE JNL

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**7 Optical and discharge excitation of organic dye vapors**

*Ahmed, S.; Pappalardo, R.;*

Quantum Electronics, IEEE Journal of , Volume: 8 , Issue: 6 , Jun 1972

Pages:525 - 525

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) IEEE JNL

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**8 RF inductively excited ion laser with aperture-magnetic confinemen**

*Ahmed, S.; Campillo, A.; Cody, R.;*

Quantum Electronics, IEEE Journal of , Volume: 5 , Issue: 6 , Jun 1969

Pages:267 - 271

[\[Abstract\]](#) [\[PDF Full-Text \(600KB\)\]](#) IEEE JNL

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**9 Energy transfer processes in organic dye laser mixtures**

*Ahmed, S.; Gergely, J.; Infante, D.;*

Quantum Electronics, IEEE Journal of , Volume: 11 , Issue: 9 , Sep 1975

Pages:824 - 825

[\[Abstract\]](#) [\[PDF Full-Text \(312KB\)\]](#) IEEE JNL

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**10 Magnetic properties and morphology of block copolymer templated ferrimagnetic CoFe/sub 2/O/sub 4/ nanoparticles**

*Ahmed, S.R.; Ogale, S.B.; Kofinas, P.;*

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003

Pages:2198 - 2200

[\[Abstract\]](#) [\[PDF Full-Text \(353KB\)\]](#) IEEE JNL

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**11 Selection criteria of induction machines for speed-sensorless drive applications**

*Nandi, S.; Ahmed, S.; Toliyat, H.A.; Bharadwaj, R.M.;*

Industry Applications, IEEE Transactions on , Volume: 39 , Issue: 3 , May-Jun 2003

Pages:704 - 712

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**12 Modeling of an EMP simulator using a 3-D FDTD code**

*Ahmed, S.; Sharma, D.; Chaturvedi, S.;*

Plasma Science, IEEE Transactions on , Volume: 31 , Issue: 2 , April 2003

Pages:207 - 215

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**13 A scheme for controlled islanding to prevent subsequent blackout**  
*Ahmed, S.S.; Sarker, N.C.; Khairuddin, A.B.; Ghani, M.R.B.A.; Ahmad, H.;*  
Power Systems, IEEE Transactions on , Volume: 18 , Issue: 1 , Feb. 2003  
Pages:136 - 143

[\[Abstract\]](#) [\[PDF Full-Text \(552KB\)\]](#) [IEEE JNL](#)

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**14 Potential benefits of using distributed parameter model for transmission lines in power system analysis**  
*Ahmed, S.S.; Rajaratnam, M.; Ahmad, H.; Sidik, M.A.B.;*  
Power Engineering Review, IEEE , Volume: 22 , Issue: 10 , Oct. 2002  
Pages:53 - 56

[\[Abstract\]](#) [\[PDF Full-Text \(376KB\)\]](#) [IEEE JNL](#)

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**15 Detection of rotor slot and other eccentricity related harmonics in three phase induction motor with different rotor cages**  
*Nandi, S.; Ahmed, S.; Toliyat, H.A.;*  
Energy Conversion, IEEE Transactions on , Volume: 16 , Issue: 3 , Sept. 2001  
Pages:253 - 260

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**1 A detailed comparison of the overall performance of 980 and 1480 nm pumped EDFA cascades in WDM multiple-access lightwave networks**

 Ali, M.P.; Elrefaie, A.F.; Wagner, R.E.; Ahmed, S.A.;  
 Lightwave Technology, Journal of , Volume: 14 , Issue: 6 , June 1996  
 Pages:1436 - 1448

[\[Abstract\]](#)   [\[PDF Full-Text \(1164KB\)\]](#)   **IEEE JNL**
**2 A new system identification method for fast echo canceler initialization**

 Ahmed, S.A.; Cruz, J.R.;  
 Communications, IEEE Transactions on , Volume: 44 , Issue: 2 , Feb. 1996  
 Pages:137 - 142

[\[Abstract\]](#)   [\[PDF Full-Text \(468KB\)\]](#)   **IEEE JNL**
**3 Infrared pyroelectric sensor for detection of vehicular traffic using digital signal processing techniques**

 Hussain, T.M.; Baig, A.M.; Saadawi, T.N.; Ahmed, S.A.;  
 Vehicular Technology, IEEE Transactions on , Volume: 44 , Issue: 3 , Aug. 1995  
 Pages:683 - 689

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**4 Performance of erbium-doped fiber amplifier cascades in WDM multiple-access lightwave networks**

 Ali, M.A.; Elrefaie, A.F.; Wagner, R.E.; Ahmed, S.A.;  
 Photonics Technology Letters, IEEE , Volume: 6 , Issue: 9 , Sept. 1994  
 Pages:1142 - 1145

[\[Abstract\]](#)   [\[PDF Full-Text \(292KB\)\]](#)   **IEEE JNL**
**5 Optimized performance of erbium-doped fiber amplifiers in multiwavelength lightwave systems**

 Ali, M.A.; Elrefaie, A.F.; Wagner, R.E.; Mendez, F.; Pan, J.; Ahmed, S.A.;  
 Photonics Technology Letters, IEEE , Volume: 6 , Issue: 8 , Aug. 1994  
 Pages:1039 - 1042

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**6 Overhead infrared sensor for monitoring vehicular traffic**

*Hussain, T.M.; Saadawi, T.N.; Ahmed, S.A.;*

Vehicular Technology, IEEE Transactions on , Volume: 42 , Issue: 4 , Nov. 19  
Pages:477 - 483

[\[Abstract\]](#) [\[PDF Full-Text \(512KB\)\]](#) IEEE JNL

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**7 Simulation of 12.5 Gb/s lightwave optical time-division multiplexer using semiconductor optical amplifiers as external modulators**

*Ali, M.A.; Elrefaie, A.F.; Ahmed, S.A.;*

Photonics Technology Letters, IEEE , Volume: 4 , Issue: 3 , March 1992  
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**8 A comparison of methods to estimate particle size distribution parameters and associated errors from multiwavelength optical coefficients**

*Herman, B.R.; Gross, B.M.; Moshary, F.; Ahmed, S.A.;*

Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on , 7-12 May 200  
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**9 Destructive multiphoton interference in optical coherent transients**

*Moshary, F.; Gross, B.M.; Zhang, Y.; Ahmed, S.A.; Hartmann, S.R.;*

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Pages:250 - 251

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**10 Steady flow measurements in a vaneless diffuser**

*Abidogun, K.B.; Ahmed, S.A.;*

Energy Conversion Engineering Conference and Exhibit, 2000. (IECEC) 35th  
Intersociety , Volume: 2 , 24-28 July 2000  
Pages:1287 - 1294 vol.2

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**11 Mobile ip based mobility management for 3g wireless networks**

*Zaman Bajwa, W.U.; Ahmed, S.A.; Zulfikar, S.; Abbas, A.; Qayyum, A.;*

Students Conference, 2002. ISCON '02. Proceedings. IEEE , Volume: 2 , Aug.  
17, 2002  
Pages:10 - 10

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**12 Active and passive infrared sensors for vehicular traffic control**

*Ahmed, S.A.; Hussain, T.M.; Saadawi, T.N.;*



Vehicular Technology Conference, 1994 IEEE 44th , 8-10 June 1994  
Pages:1393 - 1397 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(372KB\)\]](#) [IEEE CNF](#)

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**13 ATM multimedia traffic prediction using neural networks**

*Tarraf, A.A.; Habib, I.W.; Saadawi, T.N.; Ahmed, S.A.;*

Global Data Networking, 1993. Proceedings , 12-15 Dec. 1993

Pages:77 - 84

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**14 A completely pipelined regular array processor implementation of RITE algorithm**

*DeBrunner, L.S.; Ahmed, S.A.; DeBrunner, V.E.; Ballew, W.D.;*

Signals, Systems and Computers, 1993. 1993 Conference Record of The Twentieth  
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**15 Complex system identification methods for fast echo canceler initialization**

*Ahmed, S.A.; Cruz, J.R.;*

Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE  
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**1 Integrating FNLLOG and STATEMATE for the specification and validation of real time systems**

*Mosbahi, O.; Ayed, L.J.B.; Ahmed, S.B.;*  
 Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE International Conference on , 14-18 July 2003  
 Pages:10

[\[Abstract\]](#) [\[PDF Full-Text \(163KB\)\]](#) IEEE CNF

**2 An implementation of a proposed modification of CAN protocol on C fieldbus controller component for supporting a dynamic priority policy**

*Hasnaoui, S.; Kallel, O.; Kbaier, R.; Ahmed, S.B.;*  
 Industry Applications Conference, 2003. 38th IAS Annual Meeting. Conference Record of the , Volume: 1 , 12-16 Oct. 2003  
 Pages:23 - 31 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(347KB\)\]](#) IEEE CNF

**3 Towards a design methodology for flexible manufacturing systems command combining SA-RT and object Petri nets**

*Ahmed, S.B.; Moalla, M.; Courvoisier, M.;*  
 Emerging Technologies and Factory Automation, 1995. ETFA '95, Proceedings 1995 INRIA/IEEE Symposium on , Volume: 1 , 10-13 Oct. 1995  
 Pages:83 - 94 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(856KB\)\]](#) IEEE CNF

**4 Renewable energy sources: technology and economics**

*Ahmed, S.B.; Cohen, J.M.;*  
 Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology 1994 IEEE International Conference on , Volume: 3 , 2-5 Oct. 1994  
 Pages:2355 - 2360 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(460KB\)\]](#) IEEE CNF

**5 A modular approach for the specification and validation of the**

**production flexible systems command**

*Ahmed, S.B.; Moalla, M.; Esteban, P.; Courvoisier, M.;*

Systems, Man and Cybernetics, 1993. 'Systems Engineering in the Service of Humans', Conference Proceedings., International Conference on , 17-20 Oct. Pages:30 - 35 vol.1

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**6 Structuring, Specification And Validation Of The Control Part In Flexible Production Systems**

*Ahmed, S.B.; Esteban, P.; Courvoisier, M.; Moalla, M.;*

Emerging Technologies and Factory Automation, 1992. IEEE International Workshop on , August 11-14, 1992 Pages:56 - 60

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Photonics Technology Letters, IEEE , Volume: 6 , Issue: 3 , March 1994

Pages:334 - 337

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**1 A dual edge-triggered phase-frequency detector architecture [frequency synthesizer applications]**
*Ahmed, S.I.; Mason, R.D.;*

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 1 , 25-28 May 2003

Pages:I-721 - I-724 vol.1

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**1 Design of IIR filters with simultaneous amplitude and group-delay characteristics using genetic algorithm**
*Abo-Zahhad, M.; Ahmed, S.M.;*

Electronics, Circuits and Systems, 2003. ICECS 2003. Proceedings of the 200 IEEE International Conference on , Volume: 3 , 14-17 Dec. 2003

Pages:1148 - 1151 Vol.3

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**2 Electrocardiogram data compression algorithm based on the linear prediction of the wavelet coefficients**
*Abo-Zahhad, M.; Ahmed, S.M.; Al-Shrouf, A.;*

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**3 Filter designer: a complete design and synthesis program for lumped wave-digital, FIR and IIR filters**
*Abo-Zahhad, M.; Ahmed, S.M.;*

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**1 Magnetic properties and morphology of block copolymer templated ferrimagnetic CoFe/sub 2/O/sub 4/ nanoparticles**
*Ahmed, S.R.; Ogale, S.B.; Kofinas, P.;*

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003

Pages:2198 - 2200

[\[Abstract\]](#)   [\[PDF Full-Text \(353KB\)\]](#)   **IEEE JNL**
**2 Applications of data mining in retail business**
*Ahmed, S.R.;*

Information Technology: Coding and Computing, 2004. Proceedings. ITCC 20 International Conference on , Volume: 2 , April 5-7, 2004

Pages:455 - 459

[\[Abstract\]](#)   [\[PDF Full-Text \(1309KB\)\]](#)   **IEEE CNF**
**3 Load management services in post-contingency control**
*Strbac, G.; Ahmed, S.R.M.; Kirschen, D.;*

Power System Control and Management, Fourth International Conference on Publ. No. 421) , 16-18 April 1996

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Strbac, G.; Ahmed, S.R.M.; Kirschen, D.;

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Pages:53 - 56[\[Abstract\]](#)   [\[PDF Full-Text \(376KB\)\]](#)   **IEEE JNL****4 Design of suboptimal H<sup>∞</sup> excitation controllers***Ahmed, S.S.; Chen, L.; Petroianu, A.;*  
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**7 A planner 6.3 nm thin-body SOI MOSFET using tunnel epitaxy and nitrided gate oxides**

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**9 A high performance 0.25  $\mu\text{m}$  logic technology optimized for 1.8 V operation**

*Bohr, M.; Ahmed, S.S.; Ahmed, S.U.; Bost, M.; Ghani, T.; Greason, J.; Hains R.; Jan, C.; Packan, P.; Sivakumar, S.; Thompson, S.; Tsai, J.; Yang, S.;*

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*Abuelma'atti, M.T.; Al-Ali, A.K.; Buhaim, S.S.; Ahmed, S.T.;*

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**2 A high performance 0.35  $\mu$ m logic technology for 3.3 V and 2.5 V operation**

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